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**TITLE OF DOCUMENT TRANSMITTED: AMENDMENT & RESPONSE****Certificate of Transmission under 37 CFR 1.8**

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By: Anna PoppeDate: May 5, 2006**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Patent Application of**

Applicant: Mark Aaron Behlke, et al.

Application No. 09/497,943

Confirmation No.: 8098

Filed: February 4, 2000

Examiner: Sisson, Bradley L.

Title: "PRIMER EXTENSION METHODS FOR PRODUCTION OF HIGH SPECIFIC ACTIVITY NUCLEIC ACID PROBES"

Atty Docket: 013670-9002-US00

Customer No: 23510

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Appl. No. 09/497,943  
Response dated May 1, 2006  
Reply to Office Action of April 13, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 1634

In re

Patent Application of

Mark Aaron Behlke, et al.

Application No. 09/497,943

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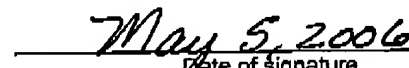
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Examiner: Sisson, Bradley L.

"PRIMER EXTENSION METHODS FOR  
PRODUCTION OF HIGH SPECIFIC ACTIVITY  
NUCLEIC ACID PROBES"

I, Anna Poppe, hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. (571) 273-8300), on the date of my signature.

  
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**AMENDMENT & RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application, and in response to the Notice of Non-Compliant Amendment mailed March 30, 2006 (a response to which is due April 30, 2006), and the Examiner's Interview Summaries mailed March 30, 2006 and April 13, 2006, Applicants respectfully request entry of this Amendment, reconsideration on the merits of the Application, and allowance of the claims. This Response is being timely filed on Monday May 1, 2006, as April 30, 2006 fell on a Sunday.

**Amendments to the claims** are reflected in the Listing of Claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.